

SEPTEMBER 1994

IMPORT HEALTH REQUIREMENTS OF BRAZIL FOR  
BOVINE SEMEN EXPORTED FROM THE UNITED STATES

The semen must be accompanied by a U.S. Origin Health Certificate issued by a veterinarian authorized by the U.S. Department of Agriculture (USDA) and endorsed by a Veterinary Services (VS) veterinarian. The certificate shall contain the name and address of both the consignor and consignee and complete identification of the semen to be exported. Additional information shall include:

CERTIFICATION STATEMENTS

1. At the time of semen collection, the donor bulls were free from clinical evidence of infectious and parasitic disease, including bluetongue (BT), vesicular stomatitis, bovine viral diarrhea, brucellosis, tuberculosis, infectious bovine rhinotracheitis, trichomoniasis, campylobacteriosis, and paratuberculosis.
2. The artificial insemination (AI) center, from which the semen originated, has been clinically free of the above mentioned diseases during the 12 months prior to the collection of semen for exportation to Brazil.
3. Donor bulls entering an AI center were isolated before being taken to the permanent installations of the center to collect semen. During isolation the donor bulls were negative to tests for the diseases listed in the Test Requirements below.
4. The donor bull(s) did not show any clinical evidence of transmissible diseases at the time of collection or during the 30 days after collection of the semen for export.
5. The semen for export was stored under the official control of a USDA-accredited veterinarian from the time of collection to the time of exportation.
6. Donor bulls that are actively collected and which reside in the AI center were negative to tests every 6 months for the diseases mentioned under Test Requirements except for vesicular stomatitis and paratuberculosis which were conducted once every 12 months.

TEST REQUIREMENTS

The donor bulls were negative to tests for the following diseases within the time frame outlined above:

1. Brucellosis: Standard tube or standard plate test at the 1:50 dilution, OR Complement fixation (CF) test at 1:10 dilution
2. Tuberculosis: Intradermal caudal fold test using bovine PPD tuberculin.
3. Trichomoniasis: Direct examination and culture of preputial samples
4. Campylobacteriosis (Vibriosis): Direct examination and culture of preputial samples
5. Bluetongue: \* Agar gel immunodiffusion test; (or see note below)
6. Vesicular stomatitis: Serum neutralization (SN) test at 1:8 dilution (New Jersey and Indiana strains)
7. Paratuberculosis: Fecal culture

- OR -

Intradermal Johnin test

- OR -

Complement fixation (CF) test

NOTE:           \* A sero positive donor bull for BT can be submitted to the SN test or virus types 2, 10, 11, 13, and 17. Semen of donors reacting to types 2, 10, 11, 13, and 17 on the SN test can be exported once they are negative to a virus isolation test.  
Samples of 0.5 ml of undiluted semen and whole blood are taken at the time of each collection of semen for virus isolation tests  
(The chick embryo virus isolation assay is an acceptable test).

OTHER INFORMATION:   The health certificate below can be used to export bovine semen to Brazil.

Brazil/Semen/HC

Health Certificate Number \_\_\_\_\_  
(valid only if the USDA Seal appears  
over the certificate no.)

HEALTH CERTIFICATE FOR EXPORTATION OF BOVINE SEMEN  
TO BRAZIL FROM THE UNITED STATES

I. Donor Animal and Semen Identification:

Names of Donor Bulls	Breed	Age	Official Identi- fication	Number of Units	Dates of Col- lection	Col- lection Codes
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

II. Name and Address of Owner and AI Center: \_\_\_\_\_  
\_\_\_\_\_

Place of shipment: \_\_\_\_\_  
III. Destination of the Semen: \_\_\_\_\_  
Means of Conveyance: \_\_\_\_\_  
Name and Address of Consignee: \_\_\_\_\_  
\_\_\_\_\_

IV. Health Data

A. CERTIFICATION STATEMENTS:

The undersigned official accredited veterinarian hereby certifies the following in  
relation to the bulls described above:

1. At the time of semen collection, the donor bulls were free from clinical evidence of infectious and parasitic disease, including bluetongue (BT), vesicular stomatitis, bovine viral diarrhea, brucellosis, tuberculosis, infectious bovine rhinotracheitis, trichomoniasis, campylobacteriosis, and paratuberculosis.

Brazil/Semen/HC

Health Certificate Number \_\_\_\_\_  
(valid only if the USDA Seal appears  
over the certificate no.)

2. The artificial insemination (AI) center, from which the semen originated, has been clinically free of the above mentioned diseases during the 12 months prior to the collection of semen for exportation to Brazil.
3. Donor bulls entering an AI center, were isolated before being taken to the permanent installations of the center to collect semen. During isolation the donor bulls were negative to tests for the disease listed in section B (Testing) below.
4. Donor bulls remaining in the AI center continuously were negative to tests every 6 months for the diseases mentioned under Test Requirements except for vesicular stomatitis and paratuberculosis which were conducted once every 12 months.
5. The semen for export originated from a farm or AI center whose health program is supervised by a USDA accredited veterinarian and relevant government authorities of the United States.
6. The donor bull(s) did not show any clinical evidence of transmissible diseases at the time of collection or during the 30 days after collection of the semen for export.
7. The semen for export was stored under the official control of a USDA-accredited veterinarian from the time of collection to the time of exportation.

B. TESTING

The donor bull was submitted to the following tests before introduction into the AI center and the tests are repeated periodically with negative results:

DISEASE	TEST	DATES
Brucellosis:	*Seroagglutination at 1:50	
	OR *Complement fixation (CF) test at 1:10	_____
Tuberculosis:	Intradermal test in caudal fold with bovine PPD tuberculin	_____
Trichomoniasis:	Direct examination; AND culture of preputial samples	_____ _____
Campylobacteriosis: (Vibriosis)	Direct examination; AND culture of preputial samples	_____ _____
Bluetongue:	* AGID	_____
	OR * virus isolation	
Vesicular Stomatitis:	SN test with Indiana and New Jersey strains at 1:8	_____
Paratuberculosis:	*Fecal culture	_____
	OR *Intradermal johnin	_____
	OR *CF test at 1:10	_____

\_\_\_\_\_

\_\_\_\_\_  
Type or Print - Name of Endorsing

\_\_\_\_\_  
Type or Print Name and Address  
of Issuing Accredited Veterinarian

\_\_\_\_\_  
Signature - Accredited Veterinarian

Date \_\_\_\_\_

\*Delete tests not applicable

Federal Veterinarian

\_\_\_\_\_  
Signature -Endorsing Federal  
Veterinarian  
(Valid only if USDA Veterinary Seal  
appears over the signature)

Date \_\_\_\_\_